

Express Mailing Label No. ~~EM245690306US~~  
EM311171185US

PATENT APPLICATION  
Docket No: 11675.102

DECLARATION, POWER OF ATTORNEY, AND PETITION

We, Michael A. Walker and Karl M. Robinson, declare: that we are citizens of the United States of America; that our residences and post office addresses are P. O. Box 45144, Boise, Idaho 83711 and 120 East Mallard Dr. #111, Boise, Idaho 83706, respectively; that we verily believe we are the original, first, and joint inventors of the subject matter of the invention or discovery entitled SACRIFICIAL SELF-ALIGNED INTERCONNECT STRUCTURE AND METHOD FOR MAKING, for which a patent is sought and which is described and claimed in the specification attached hereto; that we have reviewed and understand the contents of the above-identified specification, including the claims referred to, and that we acknowledge the duty to disclose information which is material to the examination of this application in accordance with Section 1.56(a) of Title 37 of the Code of Federal Regulations.

We declare further that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statements may jeopardize the validity of the application or any patent issuing thereon.

We hereby appoint as our attorneys and/or patent agents: H. ROSS WORKMAN, Registration No. 25,230; RICK D. NYDEGGER, Registration No. 28,651; DAVID O. SEELEY, Registration No. 30,148; JONATHAN W. RICHARDS, Registration No. 29,843; JOHN C. STRINGHAM, Registration No. P-40,831; MICHAEL F. KRIEGER, Registration No. 35,232; BRADLEY K. DeSANDRO, Registration No. 34,521; JOHN M. GUYNN, Registration No. 36,153; GREGORY M. TAYLOR, Registration No. 34,263; DANA L. TANGREN, Registration No. 37,246; ERIC L. MASCHOFF, Registration No. 36,596; KEVIN B. LAURENCE, Registration No. 38,219; SUSAN K. MORRIS, Registration No. 39,780; JEFFREY L. RANCK, Registration No. 38,590; C. J. VEVERKA, Registration No. P-40,858; JONATHAN D. WOOD, Registration No. 39,076; ROBYN L. PHILLIPS, Registration No. 39,330; DAVID B. DELLENBACH, Registration No. 39,166; TIMOTHY M. FARRELL, Registration No. 37,321; LENA I. VINITSKAYA, Registration No. 39,448; and JOHN N. GREAVES, Registration No. 40,362; KEVIN K. JOHANSON, Registration No. 38,506; LIA M. PAPPAS, Registration No. 34,095, and MICHAEL L. LYNCH, Registration No. 30,871, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. All correspondence and telephonic communications should be directed to:

BRADLEY K. DESANDRO, ATTORNEY  
WORKMAN, NYDEGGER & SEELEY  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111

Wherefore, we pray that Letters Patent be granted to us for the invention or discovery described and claimed in the foregoing specification and claims, declaration, power of attorney, and this petition.

Signed at Boise, Idaho, this 22 day of Jan 1998.

Inventor:



Michael A. Walker  
P. O. Box 45144  
Boise, Idaho 83711

Signed at Boise, Idaho, this 22 day of Jan 1998.

Inventor:



Karl M. Robinson  
~~120 East Mallard Dr. #111~~ HC33 Rimview  
Boise, ID 83706 BOX 1337



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

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APRIL 14, 1998

PTAS

WORKMAN, NYDEGGER & SEELEY  
BRADLEY K. DESANDRO  
1000 EAGLE GATE  
60 EAST SOUTH TEMPLE  
SALT LAKE CITY, UT 84111



\*100635741A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/23/1998

REEL/FRAME: 8956/0796  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

WALKER, MICHAEL A.

DOC DATE: 01/22/1998

ASSIGNOR:

ROBINSON, KARL M.

DOC DATE: 01/22/1998

ASSIGNEE:

MICRON TECHNOLOGY, INC.  
8000 SOUTH FEDERAL WAY  
BOISE, IDAHO 83707

SERIAL NUMBER: 09012388  
PATENT NUMBER:

FILING DATE: 01/23/1998  
ISSUE DATE:

MAYA BENNETT, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

02-18-1998

SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

Tab settings → → → ▼

To the Honorable Commissioner of

100635741

I the attached original documents or copy thereof

1. Name of conveying party(ies):

Michael A. Walker  
Karl M. Robinson

2. Name and address of receiving party(ies):

Name: Micron Technology, Inc.

Internal Address: \_\_\_\_\_

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other \_\_\_\_\_

Street Address: 8000 South Federal Way

City: Boise State: ID ZIP: 83707

Execution Date: 1/22/98

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: 1/22/98

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Bradley K. DeSandro

Internal Address: WORKMAN, NYDEGGER & SEELEY

1000 Eagle Gate

Street Address: 60 East South Temple

12/19/1998 WDARR1 00000014 09012388

4 FC:581 40.00 DP

City: Salt Lake City State: UT ZIP: 84111

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number: \_\_\_\_\_

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Bradley K. DeSandro

Name of Person Signing

Bradley K. DeSandro

Signature

January 23, 1998

Date

Total number of pages including cover sheet, attachments, and document: 4

WHEN RECORDED RETURN TO:

Workman, Nydegger & Seeley  
1000 Eagle Gate Tower  
60 East South Temple  
Salt Lake City, Utah 84111

PATENT APPLICATION

Docket No: 11675.102

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EM 31171185US

### ASSIGNMENT

We, Michael A. Walker and Karl M. Robinson, of P. O. Box 45144, Boise, Idaho 83711 and 120 East Mallard Dr. #111, Boise, Idaho 83706, respectively, have invented a method and apparatus entitled SACRIFICIAL SELF-ALIGNED INTERCONNECT STRUCTURE AND METHOD FOR MAKING, hereinafter called the "invention."

Preferred embodiments of said invention are disclosed in a United States patent application executed concurrently herewith by us and now identified as File No. 11675.102 of the law firm of Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, Utah 84111, and filed in the United States Patent and Trademark Office as Serial No. 09/012,388 on 11/23/98. (We hereby authorize the attorneys of Workman, Nydegger & Seeley to insert said serial number and filing date when known.)

The Assignee, Micron Technology, Inc., a corporation of the State of Delaware, having a principal place of business at 8000 South Federal Way, Boise, Idaho 83707-0006, desires to secure the entire right, title and interest in said invention.

For good and valuable consideration paid to us by the Assignee, the receipt and sufficiency of which we hereby acknowledge, WE HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in said invention in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of our ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon our heirs and legal representatives.

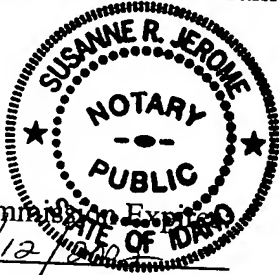
Dated this 22 day of Jan, 1998.

Michael A. Walker  
Michael A. Walker

STATE OF IDAHO )

COUNTY OF ada ) : ss.

On Jan 22, 1998, before me personally appeared Michael A. Walker, known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he has read the same and knows the contents thereof and that he executed the same as his free act and deed and for the purposes set forth therein.



Susanne R. Jerome  
NOTARY PUBLIC  
Residing at Middletown, Id.

My Commission Expires  
3/12/2002

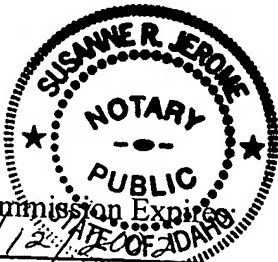
Dated this 22 day of Jan, 1998.

Karl M. Robinson  
Karl M. Robinson

STATE OF IDAHO )

COUNTY OF Ada ) : ss.

On January 22, 1998, before me personally appeared Karl M. Robinson, known to me to be the person described and who signed the foregoing Assignment in my presence and acknowledged under oath before me that he has read the same and knows the contents thereof and that he executed the same as his free act and deed and for the purposes set forth therein.



Susanne R. Jerome  
NOTARY PUBLIC  
Residing at Middletown, Idaho

My Commission Expires  
3/12/2002

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